

2.872

Docket No.: YHK -0039

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

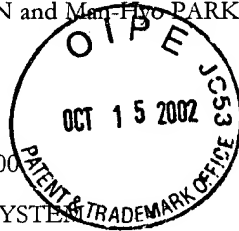
Ho Young CHOI, Jee Jong MOON and Man-Ho PARK

Serial No. 09/514,250

Confirm. No.: 9403

Filed: February 28, 2000

For: PROJECTION LENS SYSTEM



Group Art Unit: 2872

Examiner: Audrey Y. CHANG

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ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Dear Sir:

Transmitted herewith is an Amendment and/or Reply in the above identified application.

☒ No additional fee is required.

☐ Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	57	57	0	x \$18 =	\$0.00
Independent Claims	6	7	0	x \$84 =	\$0.00
If multiple claims newly presented, add \$280.00					
Fee for extension of time					
<b>TOTAL FEE DUE</b>					<b>\$0.00</b>

☐ Please charge my Deposit Account No. 16-0607 in the amount of \$. An additional copy of this transmittal sheet is submitted herewith.

☐ A check in the amount of \$ \_\_\_\_\_ (Check # \_\_\_\_\_) is attached.

☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 16-0607, including any filing fees under 37 C.F.R. 1.16 for presentation of extra claims and any patent application processing fees under 37 C.F.R. 1.17.

Respectfully submitted,  
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Date: October 15, 2002



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## AMENDMENT AND RESTRICTION REQUIREMENT REPLY

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

## IN THE SPECIFICATION

**Please amend the specification by replacing paragraphs as follows:**

**A. Specification Paragraphs With Mark-ups to Show Changes Made**

The following are mark-ups to show changes made to paragraph(s) starting at page 14, line 14 and ending at page 15, line 5:

Referring to Fig. 6, there is shown a projection lens system according to an embodiment of the present invention. The projection lens system includes a first lens 20 having a positive refractive power at the center thereof and having a negative refractive power at the peripheral thereof, a second lens 22 having a positive refractive power, a third lens 24 having a positive

refractive power and provided with a diffractive optical element (DOE) at one side thereof, and a fourth lens 36 having a negative refractive power. The first lens 20 consists of [a] an aspheric lens made from a plastic material to correct a spherical aberration. Also, the first lens 20 has a positive refractive power at the center thereof and a negative refractive power at the peripheral thereof to correct a comma aberration and an astigmatism. The second lens 22 is made from a glass material and is responsible for the majority of entire refractive power in the projection lens system. The third and fourth lenses 24 and 26 are aspheric and consist of a plastic lens to correct an astigmatism and field curvature. The third lens 34 has a structure in which a diffractive optical element 24A is formed at one side of the lens with a positive refractive power so as to correct a color aberration.